

I Claim:

- 10 1. A solid pharmaceutical dosage form which comprises an opiate, an opiate antagonist and an amount of a hydrocolloid containing excipient which is effective to form a viscous, non-injectable matrix when said dosage form is contacted with water.
- 15 2. A solid pharmaceutical dosage form as defined in claim 1 wherein the opiate is elected from the group consisting of morphine, codeine, dilaudid, pantopon, methadone, paregoric, pentazocine, buprenorphine, fentanyl, 20 oxycodone, oxymorphone, hydromorphone, hydrocodone, propoxyphene , nalbuphine and meperidine.
3. A solid pharmaceutical dosage form as defined in claim 2 wherein the opiate is oxycodone.
- 25 4. A solid pharmaceutical dosage form as defined in claim 1 wherein the opiate antagonist is selected from the group consisting of naloxone, naltrexone, methylnaltrexone and naloxonazine.
- 30 5. A solid pharmaceutical dosage form as defined in claim 4 wherein the opiate antagonist is naloxone.
6. A solid pharmaceutical dosage form as defined in claim 35 1 which includes an amount of enteric coated opiate antagonist pellets which is effective to prevent opiate induced constipation.
7. A solid pharmaceutical dosage form as defined in claim 40 1 wherein the hydrocolloid is selected from the group consisting of high viscosity hydroxypropyl methyl cellulose, agar, alginates, carrageenan, zein, guar gum, locust bean gum and xanthan gum.

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8. A solid pharmaceutical dosage form as defined in claim 1 which also includes a diluent selected from the group consisting of microcrystalline cellulose and lactose.

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9 A solid pharmaceutical dosage form as defined in claim 7 wherein the hydrocolloid is selected from the group consisting of locust bean gum, xanthan gum or mixtures thereof.

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10. A solid pharmaceutical dosage form as defined in claim 1 which comprises oxycodone, naloxone powder, locust bean gum and xanthan gum.

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11. A solid pharmaceutical dosage form as defined in claim 10 which includes an amount of naloxone in the form of enteric coated pellets which are effective to prevent the constipating effect of oxycodone.

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12. A solid pharmaceutical dosage form as defined in claim 1 which comprises methadone, naloxone powder, locust bean gum and xanthan gum.

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13. A solid pharmaceutical dosage form as defined in claim 12 which includes an amount of naloxone in the form of enteric coated pellets which are effective to prevent the constipating effect of methadone.

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14. A solid pharmaceutical dosage form as defined in claim 1 which comprises opium powder, naloxone powder and locust bean gum.

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15. A solid pharmaceutical dosage form as defined in claim 14 which includes an amount of naloxone in the form of enteric coated pellets which are effective to prevent the constipating effect of opium powder.

16. A solid pharmaceutical dosage form which comprises a controlled release dosage form of an opiate, an opiate antagonist and a hydrocolloid, wherein said opiate,

- 5 opiate antagonist and hydrocolloid are formulated into pellets (a); pellets (b) and pellets (c);
pellets (a) comprise about one-third of said opiate, opiate antagonist and hydrocolloid in an immediate release form;
- 10 pellets (b) comprise about one-third of said opiate, opiate antagonist and hydrocolloid in an a delayed release form which releases substantially all contents of the pellets in the jejunum; and
pellets (c) comprise about one-third of said
- 15 opiate, opiate antagonist and hydrocolloid in a delayed release form which substantially all of the contents of the pellets in the ileum.
17. A solid dosage form as defined in claim 16 wherein
20 the opiate is oxycodone and the opiate antagonist is naloxone.
18. A method of preventing the formulation of an parenteral formulation of a solid oral dosage form of an
25 opiate, said method comprising adding a hydrocolloid to a solid oral dosage formulation of an opiate so that when said solid oral dosage form contacts water, a matrix is formed which is too viscous to be injected via a hypodermic needle.
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19. A solid pharmaceutical dosage form which comprises an opiate and an amount of a excipient which is effective to form a viscous, non-injectable matrix when said dosage form is contacted with water.
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- 20 A solid pharmaceutical dosage form as defined in claim 1 wherein the hydrocolloid is selected from the group consisting of zein (from Zea mays); alginate (from locust bean gum (from Seratoriia siliqua), xanthan gum (from
40 Xanthamonas campestris) or mixtures thereof.